



Arlon Silicones Technology

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PRODUCT INFORMATION SHEET

Arlon Product Number 32400R015B

PRODUCT DESCRIPTION

Design / Construction

Interleave: 0.003" Blue Polyethylene

Product: Uncured Silicone Rubber

Carrier: 0.005" PET

Product Thickness

Overall Thickness:

Value

0.015"

Method

Arlon SQA-TMS-003

Product Color : Red

TYPICAL PROPERTIES

Silicone Properties

Tensile Strength

psi

Value

1083

Method

Arlon SQA-TMS-008

Elongation

%

711

Arlon SQA-TMS-008

Tear Strength (Die B)

lb/in

248

Arlon SQA-TMS-029

Dielectric Strength

volts/mil

807

Arlon SQA-TMS-020

Durometer

Shore A Points

55

Arlon SQA-TMS-014

Specific Gravity

1.2

Arlon SQA-TMS-024

Carrier Properties

Thickness

Value

0.005"

Method

Arlon SQA-TMS-003

Color

Translucent

N/A

Product Properties

Total Product Weight

oz/yd²

Value

13.5

Method

Arlon SQA-TMS-025

SHELF LIFE & PROCESSING RECOMMENDATIONS

Product Shelf Life

3 months from DOM at 40°F

Note: Shelf life is defined as the duration of time for which the product will meet the physical characteristics outlined on this page. It does not guarantee the product's usefulness in all applications.

Recommended Cure Cycle

30 minutes at 350°F

Recommended Post Cure Cycle

440°F for 4 hrs after 30 minute ramp up cycle

Product Operating Temperature

-70°F to 450°F

The data presented in this document represent typical values for the production material.

The data should not be used to write, or in place of, material specifications.

Please verify that any printed hard copy of this datasheet is current by referencing:

<http://www.rogerscorporation.com>

Last Revised May 8, 2016.